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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Alan Gatherer et al.  
Serial No: 10/032,859  
Filed: 12/28/2001  
Art Unit: 2133  
Examiner: E. Abraham  
Docket No.: TI-32753  
Conf. No.: 7120  
Customer No.: 23494

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<input type="checkbox"/> <b>INFORMAL DRAWINGS</b>	<input type="checkbox"/> <b>REPLY BRIEF (IN TRIPLICATE)</b>
<input type="checkbox"/> <b>CONTINUATION APP'N</b>	
<input type="checkbox"/> <b>DIVISIONAL APP'N</b>	
<b>NAME OF INVENTOR(S):</b> Alan Gatherer et al.	
<b>TITLE OF INVENTION:</b> Cascade Map Decoder and Method	
<b>TI FILE NO.:</b> <b>TI-32753</b>	<b>DEPOSIT ACCT. NO.:</b> <b>20-0668</b>
<b>FAXED: 09/20/2004</b> <b>DUE: 08/19/2004</b> <b>ATTY/SECY: CHH/gs</b>	
<b>RECEIPT DATE &amp; SERIAL NO.:</b> <b>Serial No.: 10/032,859</b> <b>Filing Date: 12/28/2001</b> <b>Conf. No.: 7120</b>	

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# FEE TRANSMITTAL For FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision

## Complete if Known

Application Number	10/032,859
Filing Date	12/28/2001
First Named Inventor	Alan Gatherer
Examiner Name	E. Abraham
Art Unit	2133
Attorney Docket No.	TI-32753

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

\$110

## METHOD OF PAYMENT (Check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ Credit Card

☒ Deposit Account

Deposit Account Number  
20-0668

Deposit Account Name  
Texas Instruments Incorporated

The Director is authorized to: (check all that apply)

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☐ Charge any additional fee(s) during the pendency of this application  
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## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	\$770
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1)

\$770

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20 ** = 0 X \$18 = 0		
Multiple Dependent	-3 ** = 0 X \$88 = 0		

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 88	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 88	2204 43	**Reissue Independent claims over original patent
1205 18	2205 9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

\$0

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fees Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	\$110
1252 420	2252 205	Extension for reply within second month	
1253 950	2253 465	Extension for reply within third month	
1254 1,480	2254 725	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 160	Notice of Appeal	
1402 330	2402 160	Filing a brief in support of an appeal	
1403 290	2403 140	Request for Oral Hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 650	Petition to revive - unintentional	
1501 1,330	2501 650	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 315	Plant issue Fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 375	Filing a submission after final rejection (37 CFR 1.129(b))	
1810 770	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 375	Request for Continuation Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

\$110

SUBMITTED BY		(Complete if applicable)	
Name (Print/Type)	Carlton H. Hoel	Registration No. (Attorney/Agent)	29,934
Signature		Telephone	(972) 917-4365
		Date	9/20/2004

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